

*To: D/PS*  
*Moe - Action*

NTISSC 1-1/134  
30 October 1984

MEMORANDUM FOR MEMBERS AND OBSERVERS, NATIONAL  
TELECOMMUNICATIONS AND INFORMATION SYSTEMS SECURITY COMMITTEE

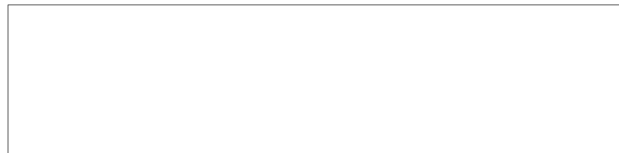
SUBJECT: 8 November 1984 Meeting

1. Enclosed is the agenda for the first NTISSC meeting on 8 November 1984, from 0900-1100, in the Secretary of Defense's Conference Room, room 3E869, the Pentagon. (Please note the above room number is a change from previous NTISSC correspondence.)

2. Also enclosed is the latest revision to the Application of Communications Security to Civil (U.S. Government and Commercial) Space Systems (NCSC-10). This revision to NCSC-10 was coordinated with former NCSC members and reflects their final comments. This policy provides for the protection by approved techniques for both the relayed telecommunications transmitted over space system circuits and the telecommunications functions on civil space systems which implement critical telemetry, tracking, control (TT&C) and mission data functions. Request you be prepared to vote on the policy at our 8 November meeting.

3. Please insure that the Executive Secretary of NTISSC Office (301-688-7355) has your TOP SECRET security clearance on file.

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*[Signature]* Executive Secretary

2 Encls:  
a/s

**AGENDA**

**NTISSC MEETING**

- I. Opening Remarks
  - + Honorable Donald C. Latham, Chairman, NTISSC
- II. Introduction of Members
- III. NTISSC Structure and Procedures
  - Permanent Subcommittees Charters
    - Executive Secretary, NTISSC
- IV. Status of Issuances of the former NCSC
  - Executive Secretary, NTISSC
    - A. NCSC Policies and Advisory Memoranda
    - B. Pending NCSC Issuances
      - NCSC-10, "National Policy on Application of Communications Security to Civil (U.S. Government and Commercial) Space Systems"
- V. Telecommunications Systems Security Program and Budget Process
  - NSA
- VI. NTISSC Action
  - Develop the first annual evaluation of the status of telecommunications and automated information systems security (due 1 February 1985).

**NTISS**

**DRAFT**

**NATIONAL POLICY**

**ON**

**APPLICATION OF COMMUNICATIONS SECURITY TO CIVIL  
(U.S. GOVERNMENT AND COMMERCIAL) SPACE SYSTEMS**

**NATIONAL TELECOMMUNICATIONS AND  
INFORMATION SYSTEMS SECURITY COMMITTEE**

**FOREWORD**

The use of satellites for the transmission of U.S. Government and Government contractor telecommunications is expanding rapidly. The National Policy on Application of Communications Security to Civil (U.S. Government and Commercial) Space Systems was developed by the National Telecommunications and Information Systems Security Committee (NTISSC) in recognition of a need to protect U.S. space systems.

It is a policy to protect both the relayed telecommunications transmitted over space system circuits, and the telecommunications functions on civil space systems which implement critical telemetry, tracking, control (TT&C) and mission data functions. Government or Government contractor use of civil space systems for telecommunications is limited to those protected by approved techniques. The Government shall encourage the similar protection by approved means of all commercial space systems.

This policy is effective immediately, and supersedes NCSC-10, "National Policy for Protection of U.S. National Security-Related Information Transmitted Over Satellite Systems," dated 26 April 1982.

CASPAR W. WEINBERGER  
Executive Agent  
for  
Telecommunications and Automated  
Information Systems Security

**NATIONAL POLICY  
ON  
APPLICATION OF COMMUNICATIONS SECURITY TO CIVIL  
(U.S. GOVERNMENT AND COMMERCIAL) SPACE SYSTEMS**

**SECTION I - POLICY**

1. Government classified and Government or Government contractor national security-related information transmitted over satellite circuits shall be protected by approved techniques from exploitation by unauthorized intercept.
2. Government or Government contractor use of U.S. civil and commercial satellites launched five years from the date of this policy shall be limited to space systems using approved techniques necessary to protect the essential elements of telemetry, tracking and control (TT&C) and mission data. - why?

**SECTION II- EXCEPTIONS**

3. Exceptions to this policy may be granted by the NTISSC in consultation with Federal departments and agencies as well as the private sector.

**SECTION III - DEFINITIONS**

4. Space systems consist of the spacecraft or satellite, command ground station, data acquisition stations, telecommunications, TT&C, and mission data functions.
5. Mission data is transmitted by the spacecraft to accomplish its operating objectives. Protected essential elements are those functions of TT&C which would deny unauthorized control of the space system.

**SECTION IV - HEADS OF DEPARTMENTS**

6. The Director, National Security Agency, in coordination with other departments or agencies as appropriate, shall assess space systems telecommunications, TT&C, and mission data functions to determine their vulnerability to unauthorized use and provide approved protection techniques and guidance.
7. Nothing in this policy shall relieve the heads of Federal departments and agencies of their authority and responsibility for executing other measures to assure the adequate protection of their telecommunications.